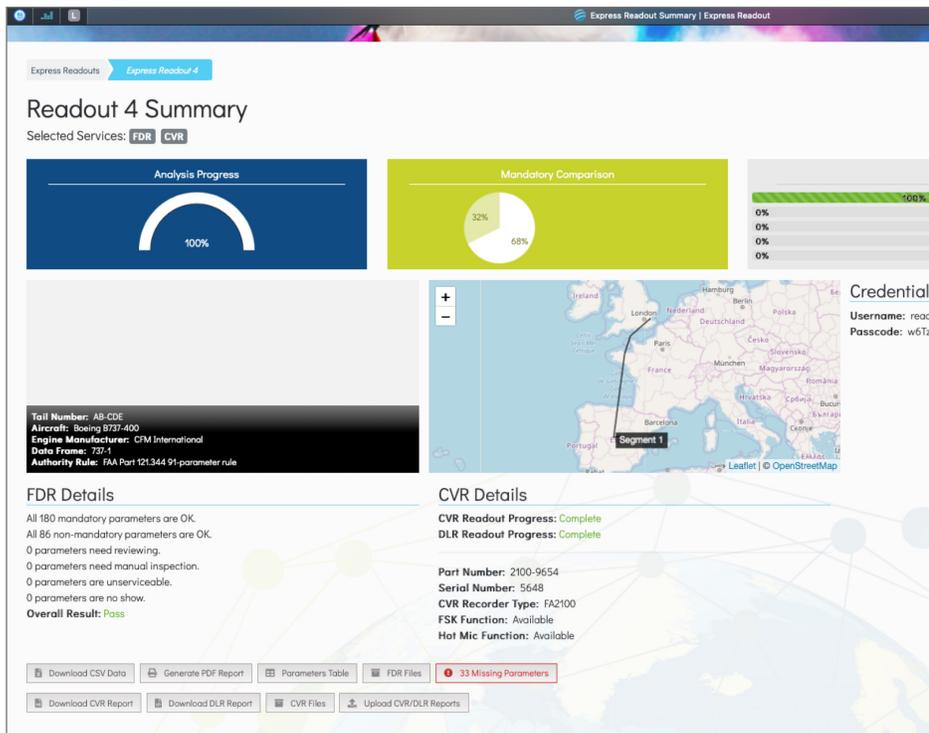




EXPRESS READOUT

A patented, fast, reliable and automated web-based platform for the verification of data from flight recording devices.



Express Readout is a secure, cloud-based service enabling users to upload, analyze and access reports, as well as other data downloaded from the Flight Data Recorders (FDR) and Cockpit Voice Recorders (CVR), including those with datalink capabilities. Users simply download the data, and then securely upload the files onto the platform, eliminating the need to send the recorder off-site for verification. The system automatically verifies functionality and generates the necessary documentation for the global civil aviation authorities.

FAST TURNAROUND

Using a patented auto-validation technique, Express Readout is the most rapid solution for providing readout and intelligibility reports, which are typically available within 30 minutes from uploading the data. Reports can then be downloaded in various formats, including .csv files for further analysis. Additionally, users can re-test data within 30 days at no additional charge, to confirm the repair of faulty signals.

DISCOVER MORE:

www.L3Harris.com/expressreadout

FEATURES

- Secure, web-based platform for recorder verification
- Patented algorithms highlight suspect parameter patterns
- Dataframe auto-detection
- 75% of parameter validation is automated
- Reports:
 - Accessible minutes from data upload
 - Saved securely and indefinitely
 - Available for download in multiple formats
- Reports are saved securely and indefinitely
- Reports are available for download in multiple formats
- Access multiple flights and up to 50 flight hours within the same readout
- Interactive charts allow operators to inspect every parameter in detail
- Compliant with all current regulations
- Full-service validated readout includes expert assessment of faulty parameters and available within 3 days
- 24/7 Technical support available
- Access to all 50 flight hours in .csv format

EASY TO USE

The interface is easy to navigate and use, so training is minimal. Additionally, L3Harris' exclusive dataframe auto-detection is a key benefit for operators. If the user cannot provide knowledge of which dataframe to use, the auto-detect feature will search for the most likely data frame. Individual logins provide the ability for users to customize the dashboard and access rights to specific data.

ACCESS TO MULTIPLE FLIGHTS SIMULTANEOUSLY

Express Readout's patented algorithms also identify unusual parameter patterns and highlight these to the user for inspection. Interactive charts allow users to inspect the parameters in detail and assess up to 50 flight hours of data, across multiple flights, within the same readout. The results are stored indefinitely on the secure platform, exceeding FAA and EASA regulatory requirements.

AUTOMATED SELF-SERVICE SOLUTION OR FULL-SERVICE VALIDATION

Express Readout is available as an automated self-service solution or as a full-service validation, which includes an expert assessment of the recorded data. Our web-based, semi-automatic tool applies patented algorithms to identify suspect parameter patterns and highlight them so that the user can inspect them afterwards, with results stored indefinitely.

24/7 INTERACTIVE PLATFORM

The secure, web-based platform supports all browser types, is simple to use, reliable, modern and customizable with full support.

REGULATORY COMPLIANCE

The platform is compliant with ICAO, EASA, and FAA performance and intelligibility mandates. It supports all recorders used on air transport, regional and business aviation aircraft, as well as helicopter platforms.

FDR Details
All 180 mandatory parameters are OK.
All 86 non-mandatory parameters are OK.
0 parameters need reviewing.
0 parameters need manual inspection.
0 parameters are unserviceable.
0 parameters are no show.
Overall Result: **Pass**

CVR Details
CVR Readout Progress: **Complete**
DLR Readout Progress: **Complete**
Part Number: 2100-43-235
Serial Number: 3245
CVR Recorder Type: FA2100
FSK Function: Available
Hot Mic Function: Available

Download CSV Data | Generate PDF Report | Parameters Table | FDR Files | 33 Missing Parameters | Download CVR Report | Download DLR Report | CVR Files | Upload CVR/DLR Reports



Phase: Airborne
Noise Limit: 15000
Noise Level: 0.2081
Result: **Pass**

Parameter Results
1 out of 1 segments pass

Pass | No Show | Unserviceable

Regulation	Reference	Regulation Parameter	Name	Result	Status	Data Type	Reviewed	Latest Comment
Part 121.344 (f) (1) (i)	1 Time	Frame Counter		Pass	Unflagged			
Part 121.344 (f) (1) (ii)	1 Time	Hour		Pass	Unflagged			
Part 121.344 (f) (1) (iii)	1 Time	Minute		Pass	Unflagged			
Part 121.344 (f) (1) (iv)	1 Time	Second		Pass	Unflagged			
Part 121.344 (f) (1) (v)	2 Pressure altitude	Altitude STD		Pass	Signed			
Part 121.344 (f) (1) (vi)	3 Indicated airspeed	Airspeed		Pass	Unflagged			
Part 121.344 (f) (1) (vii)	4 Heading primary Right crew reference if selectable/Heading			Pass	Unflagged			
Part 121.344 (f) (1) (viii)	4 Heading primary Right crew reference if selectable/Heading True Capt			Pass	Always Magnetic	Discrete		
Part 121.344 (f) (1) (ix)	4 Heading primary Right crew reference if selectable/Heading True			Not Tested	Unflagged			
Part 121.344 (f) (1) (x)	5 Normal acceleration	Acceleration Normal		Pass	Unflagged			
Part 121.344 (f) (1) (xi)	6 Pitch attitude	Pitch		Review	Signed			
Part 121.344 (f) (1) (xii)	7 Roll attitude	Roll		Review	Signed			
Part 121.344 (f) (1) (xiii)	8 Manual radio transmission keying	Key HF ID		Pass	Never Keyed	Discrete		
Part 121.344 (f) (1) (xiv)	8 Manual radio transmission keying	Key VHF ID		Pass	Never Keyed	Discrete		
Part 121.344 (f) (1) (xv)	8 Manual radio transmission keying	Key VHF ID		Review	Never Keyed	Discrete		
Part 121.344 (f) (1) (xvi)	8 Manual radio transmission keying	Key VHF ID		Review	Never Keyed	Discrete		
Part 121.344 (f) (1) (xvii)	10 Autopilot engagement status	AP ID Engaged		Pass	Discrete			
Part 121.344 (f) (1) (xviii)	10 Autopilot engagement status	AP ID Engaged		Pass	Discrete			
Part 121.344 (f) (1) (xix)	10 Autopilot engagement status	AP Engaged		Pass	Discrete			

Express Readout

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